



*Ext of time
done*
UNMC 5735 (63102US)
PATENT
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30/f*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of S. Sanderson

Art Unit 1644

Serial No. 09/051,685

Filed August 19, 1998

Confirmation No. 4256

For COMPOSITIONS AND METHODS FOR ENHANCING IMMUNE RESPONSES
MEDIATED BY ANTIGEN-PRESENTING CELLS

Examiner F. Vander Vegt

April 2, 2003

AMENDMENT AND RESPONSE

TO THE ASSISTANT COMMISSIONER FOR PATENTS,

SIR:

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In response to the Office action mailed 4 November 2002, the time for response to which is extended to 4 April 2003, by the attached payment of the fee required under 37 C.F.R. §1.136(a), please enter the following amendment(s):

IN THE CLAIMS:

Please replace claim 1 with the following:

f1
1. (three times amended) A molecular adjuvant for enhancing an immune response to an immunogen comprising: a C5a response selective agonist having binding affinity for a C5a receptor of an antigen presenting cell, said selective agonist being covalently linked to said immunogen, whereby binding of said molecular adjuvant to said antigen presenting cell C5a receptor activates said antigen presenting cell, effecting delivery of said immunogen to an antigen presenting pathway of said antigen presenting cell.

Please cancel claim 3. *[Signature]*

Please replace claim 4 with the following:

f2
4. (once amended) A molecular adjuvant as claimed in claim 1, wherein said selective agonist is selected from the group consisting of C5a and a peptide agonist analog of C5a comprising the C-terminal ten residues of C5a.

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04-03-03

FEE TRANSMITTAL

Application Number 09/051,685
Filing Date August 19, 1998
Confirmation No. 4256
Inventor(s) S. Sanderson
Group Art Unit 1644
Examiner Name F. Vander Vegt
Attorney Docket Number UNMC 5735 (63102US)

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METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge the indicated fees to Deposit Account No. 19-1345.
- The Commissioner is hereby authorized to charge any additional fees required under 37 CFR 1.16 and 1.17 to Deposit Account No. 19-1345.
- Applicant claims small entity status.
2. Check Enclosed. The Commissioner is hereby authorized to charge any under payment or credit any over payment to Deposit Account No. 19-1345.

FEE CALCULATION

1. BASIC FILING FEE Subtotal (1) \$ _____
(Type: _____)

2. EXTRA CLAIM FEES Subtotal (2) \$ _____

Total Claims _____
Independent Claims _____
Multiple Dependent Claims _____

3. ADDITIONAL FEES Subtotal (3) \$ 205.00

- Surcharge - late filing fee or oath
- Surcharge - late provisional filing fee or cover sheet
- Extension for reply within SECOND month
- Notice of Appeal
- Filing a Brief in Support of an appeal
- Request for ex parte Reexamination
- Petitions to the Commissioner
- Submission of Information Disclosure Statement
- Recording each patent assignment per property
- Request for Continued Examination
- Other: _____

TOTAL AMOUNT OF PAYMENT \$ 205.00


Kathryn J. Doty Reg. No. 40,593 April 2, 2003
Date

KJD/rle

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